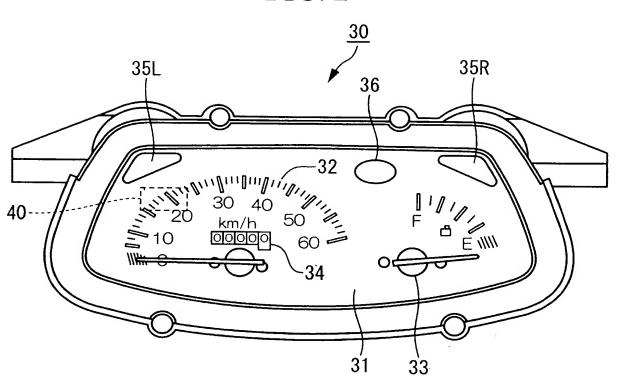


FIG. 2



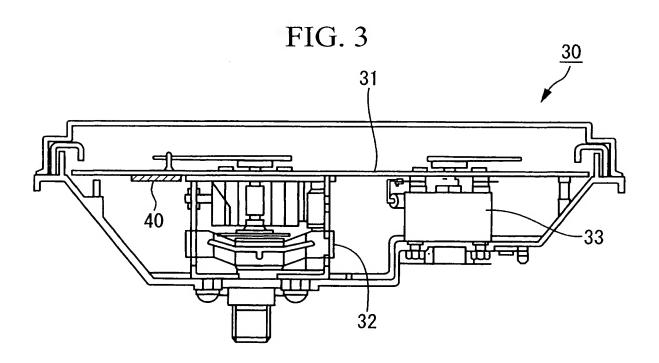
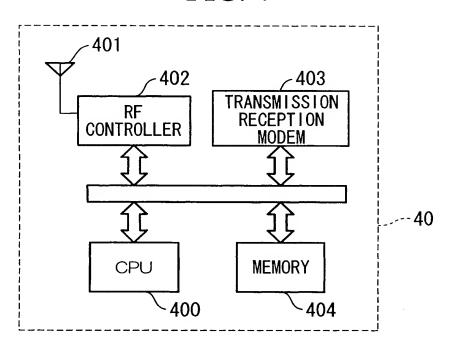
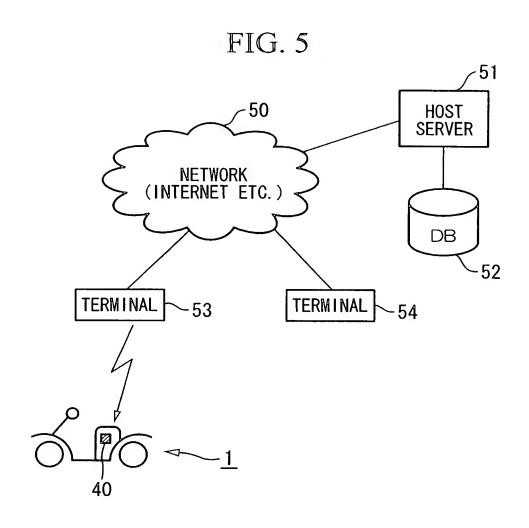


FIG. 4





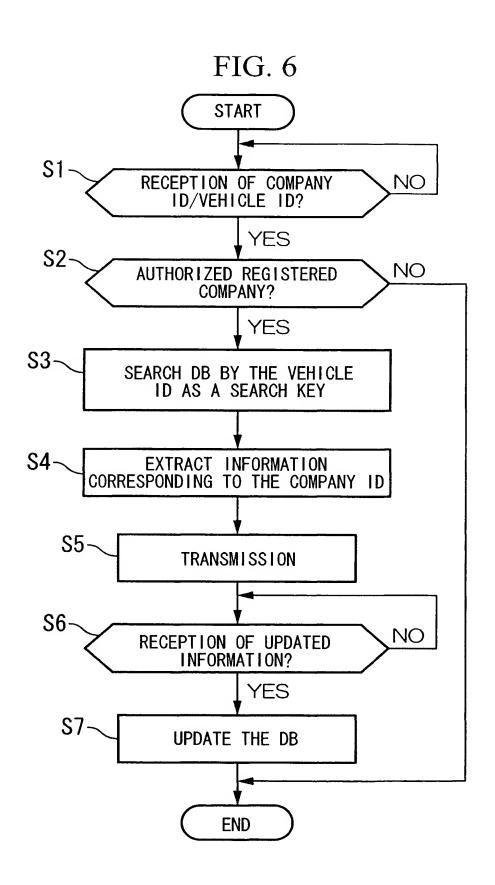


FIG. 7

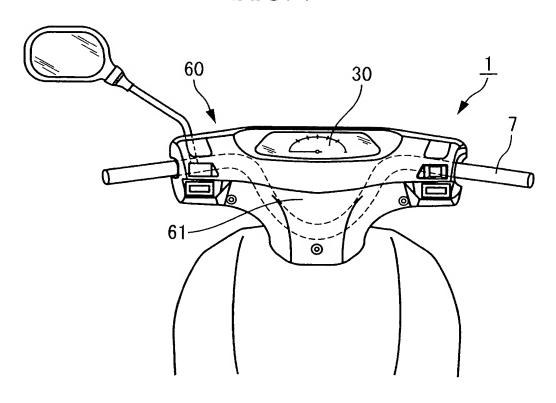
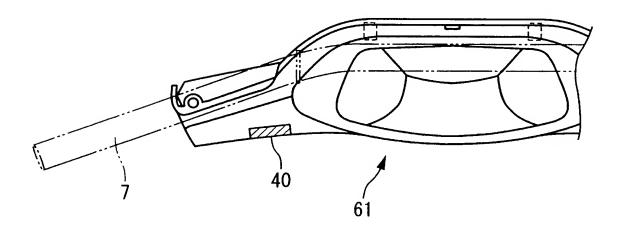


FIG. 8



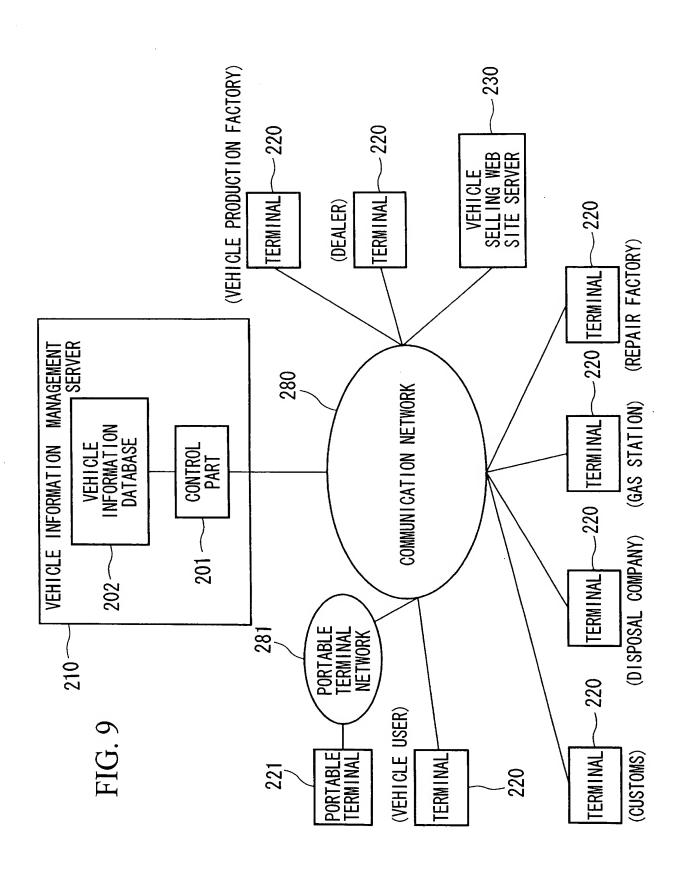


FIG. 10

VEHICLE REGISTRATION CERTIFICATE

VEHICLE TYPE XXXXX
MODEL 2003
PRODUCTION XXXXX
NUMBER
OGIKEN KOGYO

72

FIG. 11

#### STORAGE DATA ARRANGEMENT IN RFID

TAG TYPE CODE	REWRITE-PROTECT
VEHICLE ID	AREA
(PRELIMINARY AREA)	
OWNER DATA	
COMPONENT PARTS DATA	REWRITABLE AREA
VEHICLE HISTORY DATA	
WASTE MANAGEMENT TAG ISSUANCE DATA	
(PRELIMINARY AREA)	

FIG. 12

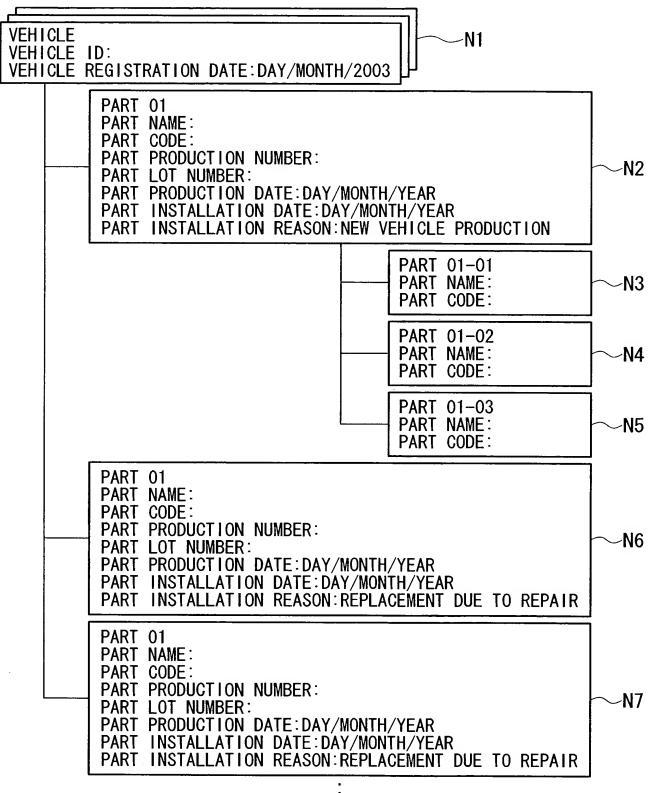
# VEHICLE INFORMATION DATABASE OWNER DATA

VEHICLE ID	OWNER			
VEHIOLE ID	NAME	BIRTHDAY	ADDRESS	
				<del>- </del>
<u></u>	<u></u>	<u> </u>		

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FIG. 13

## VEHICLE INFORMATION DATABASE COMPONENT PARTS DATA



# TREED HEET RETIPTO TO BERETON TO

#### FIG. 14

## VEHICLE INFORMATION DATABASE VEHICLE HISTORY DATA

VEHICLE ID	XXXXXXXX	
DATE	HISTORY OUTLINE	DETAILS
DAY/MONTH/YEAR	NEW VEHICLE PRODUCTION	OO FACTORY, OO GIKEN KOGYO
DAY/MONTH/YEAR	OWNER REGISTRATION	OWNER NAME : xxxx, ADDRESS : xxxxxx
DAY/MONTH/YEAR	REFUELING	GAS STATION : xxxx, THE AMOUNT OF REFUELING : xx LITRE
DAY/MONTH/YEAR	REFUELING	GAS STATION : xxxx, THE AMOUNT OF REFUELING : xx LITRE
DAY/MONTH/YEAR	REFUELING	GAS STATION : xxxx, THE AMOUNT OF REFUELING : xx LITRE
DAY/MONTH/YEAR	REPAIR	REPAIR FACTORY : xxx, THE CONTENTS OF REPAIR: xxxxxx
DAY/MONTH/YEAR	REFUELING	GAS STATION : xxxx, THE AMOUNT OF REFUELING: xx LITRE
DAY/MONTH/YEAR	OWNER CHANGE	OWNER NAME : xxxx, ADDRESS : xxxxxx
÷	<b>:</b>	:
DAY/MONTH/YEAR	REGISTRATION CANCEL	
DAY/MONTH/YEAR	WASTE MANAGEMENT TAG ISSUANCE	
DAY/MONTH/YEAR		

#### FIG. 15

## VEHICLE INFORMATION DATABASE WASTE MANAGEMENT TAG ISSUANCE DATA

VEHICLE ID		
WASTE MANAGEMENT TAG ISSUED FLAG		
DISPOSAL CODE		
DISCARDING COMPANY	PUBLIC KEY OF	
INFORMATION	DISCHARGE COMPANY	
COLLECTION AND TRANSPORTATION	PUBLIC KEY OF COLLECTION	
COMPANY INFORMATION	AND TRANSPORTATION COMPANY	
INTERMEDIATE PROCESSING	PUBLIC KEY OF INTERMEDIATE	
COMPANY INFORMATION	PROCESSING COMPANY	
FINAL DISPOSAL	PUBLIC KEY OF FINAL	
COMPANY INFORMATION	DISPOSAL COMPANY	

#### FIG. 16

(a) VEHICLE LIFECYCLE MANAGEMENT FUNCTION (1) NEW VEHICLE REGISTRATION (7) REFUELING (2) NEW VEHICLE SELLING (8) REPAIR (NEW OWNER REGISTRATION) (3) IMPORT (4) USED VEHICLE TRANSFER (OWNER CHANCE REGISTRATION) (5) EXPORT (6) VEHICLE REGISTRATION CANCEL (DISCARDING COMPANY REGISTRATION) (b) SEARCH FUNCTION (11) VEHICLE STEALING SEARCH (12) SPECIFIED VEHICLE TYPE AND SPECIFIED PART SEARCH (13) ILLEGALLY ABANDONED VEHICLE MANAGEMENT (c) DISPOSAL AND RECYCLE FUNCTION (21) WASTE MANAGEMENT TAG (MANIFEST) ISSUANCE (22) DISCARDING MANAGEMENT (23) COLLECTION AND TRANSPORTATION MANAGEMENT

(24) INTERMEDIATE PROCESSING MANAGEMENT

(25) FINAL DISPOSAL MANAGEMENT

FIG. 17

r	TG. T	/		102
DISCARDING MANAGEMENT		٧	EHICLE INFORMA	ATION DATABASE
ADD DISCARDING INFORMATION (INCLUDING INFORMATIONON ON DISCARDING COMPANY)	~S110 READ		ID INFORM	DENTIFICATION MATION MANAGE SOCIATION A VEHICLE ID)
ENCODE IT BY A SECRET KEY OF DISCARDING COMPANY	∼S111   WRITE	-	DISCARDING COMPANY INFORMATION	PUBLIC KEY OF DISCARDING COMPANY
COLLECTION AND TRANSPORTATION MANAGEMENT		_		
ADD COLLECTION AND TRANSPORTATION INFORMATION (INCLUDING INFORMATION ON COLLECTION AND TRANSPORTATION COMPANY)	READ ~S120			
ENCODE IT BY A SECRET KEY OF COLLECTION AND TRANSPORTATION COMPANY	S121 WRITE		COLLECTION AND TRANSPORTATION COMPANY INFORMATION	PUBLIC KEY OF COLLECTION AND TRANSPORTATION COMPANY
INTERMEDIATE PROCESSING MANAGEMENT		L		OOMI /IIII
ADD INTERMEDIATE PROCESSING INFORMATION (INCLUDING INFORMATION ON INTERMEDIATE PROCESSING COMPANY)	READ ~S130			
ENCOOE IT BY A SECRET KEY OF INTERMEDIATE PROCESSING COMPANY	S131 WRITE	,	INTERMEDIATE PROCESSING COMPANY INFORMATION	PUBLIC KEY OF INTERMEDIATE PROCESSING COMPANY
FINAL DISPOSAL STAGE	,	L		
ADD FINAL DISPOSAL INFORMATION (INCLUDING INFORMATION ON FINAL DISPOSAL COMPANY)	READ ~S140			
ENCODE IT BY A SECRET KEY OF FINAL DISPOSAL COMPANY	S141 WRITE	*	FINAL DISPOSAL COMPANY INFORMATION	PUBLIC KEY OF DISPOSAL COMPANY

